



Patent
Attorney's Docket No. 0026-0014

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
)
Moses Samson CHARIKAR) Group Art Unit: 2176
)
Application No.: 10/029,883) Examiner: Unassigned
)
Filed: December 31, 2001)
)
Title: METHODS AND APPARATUS)
FOR ESTIMATING SIMILARITY)

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INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Commissioner of Patent and Trademarks
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant(s) bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action in the above-referenced application. As such, no certification or fee is required. Copies of the listed documents are attached.

Applicant(s) respectfully request(s) that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

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If any copending application(s) is/are cited on the attached PTO 1449, the Examiner's attention is directed to the foregoing application(s) in compliance with § 2001.06(b) of the Manual of Patent Examining Procedure. By identifying the copending application(s), the assignee and/or applicant of the application(s) do not waive confidentiality of the application(s). Accordingly, the U.S. Patent and Trademark Office is requested to maintain the confidentiality of the copending application(s) under 35 U.S.C. § 122.

This submission does not represent that a search has been made and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicant(s) determine(s) that the cited document(s) do not constitute "prior art" under United States law, Applicant(s) reserve(s) the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

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If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-1070.



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PATENT TRADEMARK OFFICE

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By: _____

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Date: May 2, 2002

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**INFORMATION
DISCLOSURE
CITATION**
PTO-1449ATTORNEY'S DKT No.
0026-0014APPLICATION No.
10/029,883APPLICANT(S)
Moses Samson CHARIKARFILING DATE
December 31, 2001GROUP
2176**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

RECEIVED**MAY 07 2002****Technology Center 2100****FOREIGN PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	SRC Technical Note; 1997-015; July 25, 1997; "Syntactic Clustering of the Web"; Andrei Z. Broder et al.; pages 1-14; Digital Equipment Corporation http://gatekeeper.dec.com/pub/DEC/SRC/technical-notes/SRC-1997-015-html/
	"Similarity Search in High Dimensions via Hashing"; Aristides Gionis et al.; Department of Computer Science; Stanford University; pages 518-529; 1999
	"Approximate Nearest Neighbors: Towards Removing the Curse of Dimensionality (preliminary version)"; Piotr Indyk et al.; Department of Computer Science; Stanford University; July 21, 1999; pages 1-13 and i-vii
	"Chapter 26 - Improved approximation algorithms for network design problems"; M.X. Goemans et al.; pages 223-232
	"Approximation Algorithms for Classification Problems with Pairwise Relationships: Metric Labeling and Markov Random Fields"; Jon Kleinberg et al.
	"Scalable Techniques for Clustering the Web"; Taher H. Haveliwala et al.
	"Efficient Search for Approximate Nearest Neighbor in High Dimensional Spaces"; Eyal Kushilevitz et al.; pages 1-17
	"On the resemblance and containment of documents"; Andrei Z. Broder; Digital Systems Research Center; Palo Alto, CA; pages 1-9

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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